

Biodiversity Report

45.6449°N, -121.9448°W

Location Information

Latitude: 45°38'42"N Longitude: -121°56'41"W
 Latitude (Decimal Minutes): 45°38.7'N Longitude (Decimal Minutes): -121°56.6833'W
 Latitude (Decimal Degrees): 45.6449°N Longitude (Decimal Degrees): -121.9448°W

USGS Quad: Bonneville Dam, 45121-F8 Maidenhead Grid Square (ARRL): CN95AP
 Legal (Township Range Section): Not Available County: Not Available
 Magnetic Declination: Not Available

Elevation: 5.59 meters, 18.35 ft Avg Annual Precipitation: 75 in (inches)
 Watershed (10 Digit HUC): City of Washougal-Columbia River (1708000108)
 Sub-watershed (12 Digit HUC): Tanner Creek-Columbia River (170800010801)

Fire Protection District: Not Available ODF Regulated Use: Not Available
 Fire Weather Zone: Not Available ODFW Wildlife Management Unit: Not Available
 Public Ownership: Not Available

Animal Species (Aquatic Habitat Associated) in Sub-watershed Tanner Creek-Columbia River (170800010801)

** See Appendix for Status and Rank Code Lookup

1	<u>Western pond turtle</u>	<i>Actinemys marmorata</i>	Relative Abundance Index: 0.57
	Global Rank: G3G4	Federal Status: SOC	View in Wildlife Viewer
	State Rank: S2	State Rank: SC	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
2	<u>Western toad</u>	<i>Anaxyrus boreas</i>	Relative Abundance Index: 0.51
	Global Rank: G4	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank: S	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
3	<u>Great blue heron</u>	<i>Ardea herodias</i>	Relative Abundance Index: 0.58
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA: Y	Strategy Species:	
4	<u>Coastal tailed frog</u>	<i>Ascaphus truei</i>	Relative Abundance Index: 0.49
	Global Rank: G4	Federal Status:	View in Wildlife Viewer
	State Rank: S3	State Rank: S	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
5	<u>Green heron</u>	<i>Butorides virescens</i>	Relative Abundance Index: 0.41
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
6	<u>Vaux's swift</u>	<i>Chaetura vauxi</i>	Relative Abundance Index: 0.57
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4B	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	

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7	<u>Painted turtle</u>	<i>Chrysemys picta</i>	Relative Abundance Index: 1.5
	Global Rank: G5 State Rank: S2 FPA:	Federal Status: State Rank: SC Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
8	<u>Olive-sided flycatcher</u>	<i>Contopus cooperi</i>	Relative Abundance Index: 0.47
	Global Rank: G4 State Rank: S2S3B FPA:	Federal Status: State Rank: S/SC Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
9	<u>Townsend's big-eared bat</u>	<i>Corynorhinus townsendii</i>	Relative Abundance Index:
	Global Rank: G4 State Rank: S2 FPA:	Federal Status: State Rank: SC Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
10	<u>Cope's giant salamander</u>	<i>Dicamptodon copei</i>	Relative Abundance Index: 0.68
	Global Rank: G3G4 State Rank: S2 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
11	<u>Pacific giant salamander</u>	<i>Dicamptodon tenebrosus</i>	Relative Abundance Index: 0.52
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
12	<u>Willow flycatcher</u>	<i>Empidonax traillii</i>	Relative Abundance Index: 0.07
	Global Rank: G5 State Rank: S3B FPA:	Federal Status: PS State Rank: Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
13	<u>Big brown bat</u>	<i>Eptesicus fuscus</i>	Relative Abundance Index: 0.47
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
14	<u>Bald eagle</u>	<i>Haliaeetus leucocephalus</i>	Relative Abundance Index: 0.55
	Global Rank: G5 State Rank: S4B,S4N FPA: Y	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
15	<u>Harlequin duck</u>	<i>Histrionicus histrionicus</i>	Relative Abundance Index: 0.49
	Global Rank: G4 State Rank: S2B,S3N FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
16	<u>Yellow-breasted chat</u>	<i>Icteria virens</i>	Relative Abundance Index:
	Global Rank: G5 State Rank: S4B FPA:	Federal Status: State Rank: SC Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
17	<u>Silver-haired bat</u>	<i>Lasionycteris noctivagans</i>	Relative Abundance Index: 0.47
	Global Rank: G3G4 State Rank: S3S4 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)

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18	<u>Hoary bat</u>	<i>Lasiurus cinereus</i>	Relative Abundance Index: 0.47
	Global Rank: G3G4 State Rank: S3 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
19	<u>Hooded merganser</u>	<i>Lophodytes cucullatus</i>	Relative Abundance Index: 0.53
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
20	<u>Common merganser</u>	<i>Mergus merganser</i>	Relative Abundance Index: 0.29
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
21	<u>Water vole</u>	<i>Microtus richardsoni</i>	Relative Abundance Index: 0.64
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
22	<u>California myotis</u>	<i>Myotis californicus</i>	Relative Abundance Index: 0.47
	Global Rank: G5 State Rank: S3 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
23	<u>Long-eared myotis</u>	<i>Myotis evotis</i>	Relative Abundance Index: 0.47
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
24	<u>Little brown myotis</u>	<i>Myotis lucifugus</i>	Relative Abundance Index: 0.46
	Global Rank: G3 State Rank: S3 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
25	<u>Long-legged myotis</u>	<i>Myotis volans</i>	Relative Abundance Index: 0.47
	Global Rank: G4G5 State Rank: S3 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
26	<u>Yuma myotis</u>	<i>Myotis yumanensis</i>	Relative Abundance Index: 0.47
	Global Rank: G5 State Rank: S3 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
27	<u>Coastal cutthroat trout (Southwestern)</u>	<i>Oncorhynchus clarkii pop. 2</i>	Relative Abundance Index: 60.1
	Global Rank: G5T3Q State Rank: S2 FPA: Y	Federal Status: State Rank: S Strategy Species: Y	
28	<u>Coho salmon (Lower Columbia River ESU)</u>	<i>Oncorhynchus kisutch pop. 1</i>	Relative Abundance Index: 3.78
	Global Rank: G5T2Q State Rank: S2 FPA: Y	Federal Status: LT State Rank: LE Strategy Species: Y	

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29	<u>Steelhead (Lower Columbia River ESU)</u>	<i>Oncorhynchus mykiss pop. 27</i>	Relative Abundance Index: 2.37
	Global Rank: G5T2Q	Federal Status: LT	
	State Rank: S2	State Rank: SC	
	FPA: Y	Strategy Species: Y	
30	<u>Chinook salmon (Lower Columbia River)</u>	<i>Oncorhynchus tshawytscha pop. 21</i>	Relative Abundance Index: 6.75
	Global Rank: G5T2Q	Federal Status: LT	
	State Rank: S2	State Rank: SC	
	FPA:	Strategy Species: Y	
31	<u>Chinook salmon (Lower Columbia River)</u>	<i>Oncorhynchus tshawytscha pop. 22</i>	Relative Abundance Index: 2.71
	Global Rank: G5T2Q	Federal Status: LT	
	State Rank: S2	State Rank: SC	
	FPA:	Strategy Species: Y	
32	<u>Band-tailed pigeon</u>	<i>Patagioenas fasciata</i>	Relative Abundance Index: 0.49
	Global Rank: G4	Federal Status:	View in Wildlife Viewer
	State Rank: S3B	State Rank:	View Habitat Map (pdf)
	FPA: Y	Strategy Species:	
33	<u>Dunn's salamander</u>	<i>Plethodon dunni</i>	Relative Abundance Index: 0.5
	Global Rank: G4	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
34	<u>Red-necked grebe</u>	<i>Podiceps grisegena</i>	Relative Abundance Index:
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S1B,S4N	State Rank: SC	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
35	<u>Purple martin</u>	<i>Progne subis</i>	Relative Abundance Index: 0.29
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S2B	State Rank: SC	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
36	<u>Cascades frog</u>	<i>Rana cascadae</i>	Relative Abundance Index: 0.62
	Global Rank: G3G4	Federal Status: SOC	View in Wildlife Viewer
	State Rank: S3S4	State Rank: S	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
37	<u>Oregon spotted frog</u>	<i>Rana pretiosa</i>	Relative Abundance Index: 0.01
	Global Rank: G2	Federal Status: LT	View in Wildlife Viewer
	State Rank: S1	State Rank: SC	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
38	<u>Cascade torrent salamander</u>	<i>Rhyacotriton cascadae</i>	Relative Abundance Index: 0.77
	Global Rank: G3	Federal Status:	View in Wildlife Viewer
	State Rank: S3	State Rank: S	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
39	<u>Yellow warbler</u>	<i>Setophaga petechia</i>	Relative Abundance Index:
	Global Rank: G5	Federal Status: PS:LE	View in Wildlife Viewer
	State Rank: S4B	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	

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40	<u>Pacific water shrew</u>	<i>Sorex bendirii</i>	Relative Abundance Index: 0.48
	Global Rank: G4	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
41	<u>Water shrew</u>	<i>Sorex palustris</i>	Relative Abundance Index: 0.61
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
42	<u>Vagrant shrew</u>	<i>Sorex vagrans</i>	Relative Abundance Index: 0.47
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
43	<u>Northern rough-winged swallow</u>	<i>Steigodopteryx semipennis</i>	Relative Abundance Index: 0.27
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	

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Animal Species in Sub-watershed

Tanner Creek-Columbia River (170800010801)

** See Appendix for Status and Rank Code Lookup

1	<u>Cooper's hawk</u>	<i>Accipiter cooperii</i>	Relative Abundance Index: 0.53
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
2	<u>Northern goshawk</u>	<i>Accipiter gentilis</i>	Relative Abundance Index: 0.72
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S3S4	State Rank: S	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
3	<u>Sharp-shinned hawk</u>	<i>Accipiter striatus</i>	Relative Abundance Index: 0.47
	Global Rank: G5	Federal Status: PS	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
4	<u>Northern saw-whet owl</u>	<i>Aegolius acadicus</i>	Relative Abundance Index: 0.56
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4?	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
5	<u>Clouded salamander</u>	<i>Aneides ferreus</i>	Relative Abundance Index: 0.52
	Global Rank: G3G4	Federal Status:	View in Wildlife Viewer
	State Rank: S3S4	State Rank: S	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
6	<u>Golden eagle</u>	<i>Aquila chrysaetos</i>	Relative Abundance Index: 1.1
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S3	State Rank:	View Habitat Map (pdf)
	FPA: Y	Strategy Species:	
7	<u>Red tree vole</u>	<i>Arborimus longicaudus</i>	Relative Abundance Index: 0.67
	Global Rank: G3G4	Federal Status: PS:C	View in Wildlife Viewer
	State Rank: S3	State Rank: S	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
8	<u>Oregon slender salamander</u>	<i>Batrachoseps wrightii</i>	Relative Abundance Index: 0.69
	Global Rank: G3	Federal Status: SOC	View in Wildlife Viewer
	State Rank: S3	State Rank: S	View Habitat Map (pdf)
	FPA:	Strategy Species: Y	
9	<u>Hermit thrush</u>	<i>Catharus guttatus</i>	Relative Abundance Index: 0.52
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
10	<u>Swainson's thrush</u>	<i>Catharus ustulatus</i>	Relative Abundance Index: 0.48
	Global Rank: G5	Federal Status:	View in Wildlife Viewer
	State Rank: S4S5B	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	

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11	<u>Brown creeper</u>	<i>Certhia americana</i>	Relative Abundance Index: 0.56
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
12	<u>Racer</u>	<i>Coluber constrictor</i>	Relative Abundance Index: 0.66
	Global Rank: G5 State Rank: S4? FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
13	<u>Western wood-pewee</u>	<i>Contopus sordidulus</i>	Relative Abundance Index: 0.47
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
14	<u>Ringneck snake</u>	<i>Diadophis punctatus</i>	Relative Abundance Index: 0.57
	Global Rank: G5 State Rank: S4? FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
15	<u>Pileated woodpecker</u>	<i>Dryocopus pileatus</i>	Relative Abundance Index: 0.56
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
16	<u>Pacific slope flycatcher</u>	<i>Empidonax difficilis</i>	Relative Abundance Index: 0.61
	Global Rank: G5 State Rank: S4B FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
17	<u>Hammond's flycatcher</u>	<i>Empidonax hammondi</i>	Relative Abundance Index: 0.57
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
18	<u>Dusky flycatcher</u>	<i>Empidonax oberholseri</i>	Relative Abundance Index: 0.62
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
19	<u>Macgillivray's warbler</u>	<i>Geothlypis tolmiei</i>	Relative Abundance Index: 0.49
	Global Rank: G5 State Rank: S4B FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
20	<u>Northern pygmy-owl</u>	<i>Glaucidium gnoma</i>	Relative Abundance Index: 0.48
	Global Rank: G4G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
21	<u>Northern flying squirrel</u>	<i>Glaucomys oregonensis</i>	Relative Abundance Index: 0.48
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)

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22	<u>Purple finch</u>	<i>Haemorhous purpureus</i>	Relative Abundance Index: 0.48
	Global Rank: G5 State Rank: S4? FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
23	<u>Bullock's oriole</u>	<i>Icterus bullockii</i>	Relative Abundance Index: 0.52
	Global Rank: G5 State Rank: S4B FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
24	<u>Varied thrush</u>	<i>Ixoreus naevius</i>	Relative Abundance Index: 0.57
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
25	<u>Red crossbill</u>	<i>Loxia curvirostra</i>	Relative Abundance Index: 0.58
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
26	<u>Bobcat</u>	<i>Lynx rufus</i>	Relative Abundance Index: 0.49
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: PS:LE,PDL State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
27	<u>Western screech-owl</u>	<i>Megascops kennicottii</i>	Relative Abundance Index: 0.48
	Global Rank: G4G5 State Rank: S4? FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
28	<u>Townsend's solitaire</u>	<i>Myadestes townsendi</i>	Relative Abundance Index: 0.41
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
29	<u>Western red-backed vole</u>	<i>Myodes californicus</i>	Relative Abundance Index: 0.48
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
30	<u>Townsend's chipmunk</u>	<i>Neotamias townsendii</i>	Relative Abundance Index: 0.5
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
31	<u>Shrew-mole</u>	<i>Neurotrichus gibbsii</i>	Relative Abundance Index: 0.49
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
32	<u>American pika</u>	<i>Ochotona princeps</i>	Relative Abundance Index: 0.64
	Global Rank: G5 State Rank: S2S3 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)

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33	<u>Mountain quail</u>	<i>Oreortyx pictus</i>	Relative Abundance Index: 0.47
	Global Rank: G5 State Rank: S3S4 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
34	<u>Nashville warbler</u>	<i>Oreothlypis ruficapilla</i>	Relative Abundance Index: 0.29
	Global Rank: G5 State Rank: S4?B FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
35	<u>Lazuli bunting</u>	<i>Passerina amoena</i>	Relative Abundance Index: 0.07
	Global Rank: G5 State Rank: S4B FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
36	<u>Gray jay</u>	<i>Perisoreus canadensis</i>	Relative Abundance Index: 0.61
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
37	<u>Heather vole</u>	<i>Phenacomys intermedius</i>	Relative Abundance Index: 0.69
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
38	<u>Downy woodpecker</u>	<i>Picoides pubescens</i>	Relative Abundance Index: 0.48
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
39	<u>Hairy woodpecker</u>	<i>Picoides villosus</i>	Relative Abundance Index: 0.54
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
40	<u>Larch Mountain salamander</u>	<i>Plethodon lerselli</i>	Relative Abundance Index: 1.06
	Global Rank: G3 State Rank: S2 FPA:	Federal Status: SOC State Rank: SC Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
41	<u>Vesper sparrow</u>	<i>Poocetes gramineus</i>	Relative Abundance Index:
	Global Rank: G5 State Rank: S4B FPA:	Federal Status: State Rank: SC Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
42	<u>Ruby-crowned kinglet</u>	<i>Regulus calendula</i>	Relative Abundance Index: 1.01
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
43	<u>Golden-crowned kinglet</u>	<i>Regulus satrapa</i>	Relative Abundance Index: 0.61
	Global Rank: G5 State Rank: S3 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)

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44	<u>Western gray squirrel</u>	<i>Sciurus griseus</i>	Relative Abundance Index: 0.49
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
45	<u>Hermit warbler</u>	<i>Setophaga occidentalis</i>	Relative Abundance Index: 0.58
	Global Rank: G4G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
46	<u>Mountain bluebird</u>	<i>Sialia currucoides</i>	Relative Abundance Index: 0.25
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
47	<u>Western bluebird</u>	<i>Sialia mexicana</i>	Relative Abundance Index: 0.47
	Global Rank: G5 State Rank: S4B,S4N FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
48	<u>Baird's shrew</u>	<i>Sorex bairdi</i>	Relative Abundance Index: 0.48
	Global Rank: G4 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
49	<u>Dusky shrew</u>	<i>Sorex monticolus</i>	Relative Abundance Index: 0.74
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
50	<u>Trowbridge's shrew</u>	<i>Sorex trowbridgii</i>	Relative Abundance Index: 0.48
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
51	<u>Red-breasted sapsucker</u>	<i>Sphyrapicus ruber</i>	Relative Abundance Index: 0.56
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
52	<u>Western spotted skunk</u>	<i>Spilogale gracilis</i>	Relative Abundance Index: 0.48
	Global Rank: G5 State Rank: S4 FPA:	Federal Status: State Rank: Strategy Species:	View in Wildlife Viewer View Habitat Map (pdf)
53	<u>Chipping sparrow</u>	<i>Spizella passerina</i>	Relative Abundance Index: 0.49
	Global Rank: G5 State Rank: S4B FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)
54	<u>Great gray owl</u>	<i>Strix nebulosa</i>	Relative Abundance Index: 0.63
	Global Rank: G5 State Rank: S3 FPA:	Federal Status: State Rank: S Strategy Species: Y	View in Wildlife Viewer View Habitat Map (pdf)

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55	<u>Spotted owl</u>	<i>Strix occidentalis</i>	Relative Abundance Index:
	Global Rank: <i>G3G4</i>	Federal Status: <i>LT</i>	View in Wildlife Viewer
	State Rank: <i>S3</i>	State Rank: <i>LT</i>	View Habitat Map (pdf)
	FPA:	Strategy Species: <i>Y</i>	
56	<u>Western meadowlark</u>	<i>Sturnella neglecta</i>	Relative Abundance Index:
	Global Rank: <i>G5</i>	Federal Status:	View in Wildlife Viewer
	State Rank: <i>S4</i>	State Rank: <i>SC</i>	View Habitat Map (pdf)
	FPA:	Strategy Species: <i>Y</i>	
57	<u>Western pocket gopher</u>	<i>Thomomys mazama</i>	Relative Abundance Index:
	Global Rank: <i>G4</i>	Federal Status: <i>PS:LT</i>	View in Wildlife Viewer
	State Rank: <i>SNR</i>	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
58	<u>Common gray fox</u>	<i>Urocyon cinereoargenteus</i>	Relative Abundance Index: 0.47
	Global Rank: <i>G5</i>	Federal Status:	View in Wildlife Viewer
	State Rank: <i>S4</i>	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
59	<u>Cassin's vireo</u>	<i>Vireo cassinii</i>	Relative Abundance Index: 0.44
	Global Rank: <i>G5</i>	Federal Status:	View in Wildlife Viewer
	State Rank: <i>S4?B</i>	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
60	<u>Hutton's vireo</u>	<i>Vireo huttoni</i>	Relative Abundance Index: 0.5
	Global Rank: <i>G5</i>	Federal Status:	View in Wildlife Viewer
	State Rank: <i>S4</i>	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
61	<u>Red fox</u>	<i>Vulpes vulpes</i>	Relative Abundance Index:
	Global Rank: <i>G5</i>	Federal Status: <i>PS:PE</i>	View in Wildlife Viewer
	State Rank: <i>S4?</i>	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	
62	<u>Pacific jumping mouse</u>	<i>Zapus trinotatus</i>	Relative Abundance Index: 0.47
	Global Rank: <i>G5</i>	Federal Status:	View in Wildlife Viewer
	State Rank: <i>S4</i>	State Rank:	View Habitat Map (pdf)
	FPA:	Strategy Species:	

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Ecological Systems in Sub-watershed

Tanner Creek-Columbia River (170800010801)

West Cascades Ecosection

	Ecological System	Relative Abundance Index
1	<i>Moist-site Western Hemlock - Silver Fir</i>	6.10514
2	<i>Mountain Big Sagebrush</i>	4.49942
3	<i>Westside Montane Shrubland</i>	3.018757
4	<i>Westside Montane Grassland</i>	2.767049
5	<i>Montane - Alpine Meadow</i>	0.983356
6	<i>Developed, Low Intensity</i>	0.906508
7	<i>Westside Grass Bald or Bluff</i>	0.746658
8	<i>Big Leaf Maple - Douglas-fir</i>	0.733573
9	<i>Developed, High Intensity</i>	0.710456
10	<i>Moist-site Western Hemlock - Douglas-fir</i>	0.652582
11	<i>Developed, Medium Intensity</i>	0.63951
12	<i>Alpine Bedrock and Scree</i>	0.63018
13	<i>Dry-site Douglas-fir - Western Hemlock</i>	0.622002
14	<i>Wooded Lava Flow</i>	0.543767
15	<i>Westside Montane Riparian</i>	0.506797
16	<i>Avalanche Chute Shrubland</i>	0.407084
17	<i>Developed, Open Space (Roads, Parks, Golf Courses, Open Space)</i>	0.302979
18	<i>Westside Lowland Riparian</i>	0.260898
19	<i>Red Alder or Bigleaf Maple</i>	0.257396
20	<i>Freshwater Aquatic Bed</i>	0.245328
21	<i>Volcanic Rock, Lava Flow or Cinder Land</i>	0.153724
22	<i>Agriculture - Irrigated</i>	0.057536
23	<i>Westside Valley Wet Prairie</i>	0.048586
24	<i>Westside Lowland Prairie and Savanna</i>	0.024866
25	<i>Pacific Silver Fir</i>	0.018967
26		0.016487
27	<i>Water</i>	0.015522
28	<i>Harvested Forest - Tree Regeneration</i>	0.008267
29	<i>Harvested Forest - Grass Regeneration</i>	0.00377
30	<i>Agriculture - Hay/pasture</i>	0.003092
31	<i>Westside Douglas-fir or Madrone</i>	0.003036

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Appendix- Keys Codes and Source Information

Latitude: Degrees north of the equator measured in Degrees Minutes Seconds (DMS), Degrees and decimal minutes, and decimal degrees.

Longitude: Degrees west of Greenwich measured in Degrees Minutes Seconds (DMS), Degrees and decimal minutes, and decimal degrees.

Legal: The Public Land Survey System (PLS), Willamette Baseline and Meridian, quarter quarter section, township, and range.

Elevation: The approximate elevation, derived from the 10 meter Digital Elevation Models (DEM).

County: The county in Oregon.

Public Ownership: The generalized public ownership.

Fire Protection District: The Oregon Department of Forestry Fire Protection district.

USGS Quad Name and #: The USGS 7.5 minute quadrangle and "Ohio" code, composed of the 1 degree block, row & column numbers.

Watershed (10 Digit HUC): The Hydrologic Unit Code (HUC), formerly known as the 5th field HUC.

Sub-watershed (12 Digit HUC): The Hydrologic Unit (HUC), formerly known as the 6th field HUC.

Fire Weather Zone: The Oregon Department of Forestry fire weather zone.

Regulated Use: The Oregon Department of Forestry regulated use code.

Rainfall: The approximate rainfall range, derived from Oregon Climate Service PRISM.

Wildlife Management Unit: The Oregon Department of Fish and Wildlife (ODFW) Wildlife management unit.

Magnetic Declination 2009: The magnetic declination for 2009.

Maidenhead Locator Grid Square: An instrument of the *Maidenhead Locator System* (named after the town outside London where it was first conceived by a meeting of European VHF managers in 1980), a grid square measures 1° latitude by 2° longitude and measures approximately 70 × 100 miles in the continental US. A grid square is indicated by two letters (the *field*) and two numbers (the *square*). This is a service of ARRL - The National Association for Amateur Radio .

The information presented is believed to be true and correct; however, it is not warranted or certified for accuracy. Neither ODF, ORBIC or Oregon Explorer shall not be liable for errors contained herein or for incidental consequential damages in connection with the use of this material. Any use or re-use of this information will be at the user's own risk.

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Biodiversity data provided by the [Oregon Biodiversity Information Center](#)

FEDERAL STATUS

LE	Listed as an Endangered Species
LT	Listed as a Threatened Species
PE	Proposed as an Endangered Species
PT	Proposed as a Threatened Species
C	Candidate for Listing as Threatened or Endangered
SOC	Species of Concern - Taxa for which additional information is needed to support a proposal to list under the ESA

STATE STATUS - ANIMALS

LE	Listed as an Endangered Species
LT	Listed as a Threatened Species
PE	Proposed as an Endangered Species
PT	Proposed as a Threatened Species
SC	Sensitive - Critical
SV	Sensitive - Vulnerable

RANKS

G1	Critically imperiled throughout its range
G2	Imperiled throughout its range
G3	Rare, threatened or uncommon throughout its range
G4	Not rare, apparently secure throughout its range
G5	Widespread, abundant and secure throughout its range
S1	Critically imperiled in Oregon
S2	Imperiled in Oregon
S3	Rare, threatened or uncommon in Oregon
S4	Not rare, apparently secure in Oregon
S5	Widespread, abundant and secure in Oregon
T	Rank for a subspecies, variety, or race
Q	Taxonomic questions
H	Historic, formerly part of the native biota with the implied expectation that it may be rediscovered
X	Presumed extirpated or extinct
U	Unknown rank
NR	Not yet ranked
B	Rank of the breeding population (migratory birds)
N	Rank of the wintering population (migratory birds)

MIGRATION STATUS

M	Summer resident
W	Winter resident
F	Spring/Fall resident
Y	Year-round resident
U	Unknown residency
SC	Seasonal resident and confirmed breeder
SP	Seasonal resident and probable breeder
S?	Seasonal resident and possible breeder
SH	Seasonal resident and current nonbreeder, historic breeder
SN	Seasonal resident and nonbreeder
YC	Year-round resident and confirmed breeder
YP	Year-round resident and probable breeder
Y?	Year-round resident and possible breeder
YH	Year-round resident and current non-breeder, historic breeder
YN	Year-round resident and nonbreeder
T	Transient

elcode – a NatureServe derived 10 digit code unique to every species found in North America.

sname – Scientific name of the species as recognized in Oregon.

scomname – The common name of the species or the ecological system, as recognized in Oregon.

relative_abundance – Relative abundance is an area weighted ratio, comparing the amount of the species or

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ecological system within the subwatershed (12 digit HUC) to the amount of that species within all of the watershed in an Oregon Department of Forestry Ecoregion. Values greater than 1 indicate the species is more prevalent at this site than at most other sites where it occurs.

Relative Abundance = ((Area of Species in a Subwatershed/Area of Species in Ecoregion)/(Total area of the Subwatershed/Total area of all Subwatersheds in the ecoregion with the species present))

conservation_priority_index - "To describe the change in vertebrate distributions caused by anthropocentric changes in Oregon over the last century, we evaluate both the loss of habitat, and how well the current and historic range of the species is protected.... These [values] range from negative to positive, with the species most in need of attention having larger negative values, and those most secure having large positive values."

Dennis White Index: "Denis White of the Environmental Protection Agency lab in Corvallis recommended the ... index which allows for weighting of how well areas are protected and how much habitats have been lost. Denis noted that additive indices often work better than multiplicative ones. Values for this index range from positive to negative 1."

Conservation Priority Index (Dennis White) = (1-((current habitat - currently protected habitat)/(current habitat))) + ((current habitat)/(current habitat + currently protected habitat))

Source: Kegan, J.S., J.C. Hak, B. Cuth, C.W. Kilsgaard, and E.P. Gaines. 1999. Oregon Gap Analysis Project Final Report: A geographic approach to planning for biological diversity. Oregon Natural Heritage Program, Portland, Oregon. 72 pp. + appendices.

g_rank – The global rank of a species, a value from 1 – 5, representing the risk of extinction for every species throughout their entire range on earth, with 1 = Critically imperiled, 2 = imperiled, 3 = threatened, 4 = probably secure and 5 = demonstrably secure.

s_rank – The state rank of the species, a value from 1 – 5, representing the risk of extirpation for every species throughout their entire range in Oregon, with 1 = Critically imperiled, 2 = imperiled, 3 = threatened, 4 = probably secure and 5 = demonstrably secure.

fed_status – the status of a species under the U.S. Endangered Species Act, if any. Values include LE = Listed Endangered, LT = Listed Threatened, C = Candidate, and SOC = Species of Concern. A PS: before a value means partial status, generally indicating status for portions of the distribution in the state.

state_status – the status of a species under the Oregon Endangered Species Act. Values include LE = Listed Endangered and LT = Listed Threatened for all species (plants and animals). In addition, for animals, ODFW includes a SV status indicating the species is on their sensitive species list as "vulnerable" or SC as "sensitive critical". For plants, ODA lists C = Candidate, species considered for potential listing.

strategy_species – any species identified in the Oregon Conservation Strategy as a strategy species.

odf_indicator – Is this a Department of Forestry forest health indicator species? Y = yes.

FPA- Species protected under the Oregon Forest Practices Act

watershed_cd – the 12 digit code for the sub-watershed (also known as the HUC code for hydrologic unit code).

occurrence_status_cd – represents the confidence that the species can be found in the watershed - Probable,

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possible and confident

origin_status_cd – Is the species native or introduced in Oregon? N = Native, I = introduced.

migrant_status_cd – This is the migratory status, with M meaning the species is migratory and is a summer resident, breeding in Oregon, Y meaning it occurs year around, and W meaning the species only winters in Oregon. Less commonly, F = spring or fall residents only, and U means residency status is unknown.

update_year – is the year the species status has been updated in this watershed.

wildlife_viewer_url – a link to the wildlife viewer Oregon Explorer page for the species.

habitat_map_pdf – a link to the current Oregon habitat distribution map on the Oregon Explorer.